

### Abstract

Battery, especially flat cell, comprising an electrode of lithium-metal or lithium-alloy, an electrode containing an active material intercalating lithium ions, a separator between both electrodes, and a housing enclosing the electrodes and the separator with connector tabs for both electrodes, wherein at least one of the electrodes (1; 2; 3) is a multi-layer body built by multiple folds and an equal layer-thickness of the active material (4; 12; 13) between the folded layers.

10 Fig. 1